

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("Ti.sub.3SiC.sub.2" "Al.sub.3SiC.sub.4" "Al.sub.3Si.sub.2C. sub.5") and complex and b22f\$. ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 15:04
S1	35	"titanium alloy" and aluminum and vanadium and iron and b22f\$.ipc.	USPAT	OR	OFF	2007/09/20 10:19
S2	29	"titanium alloy" and aluminum and vanadium and iron and b22f\$.ipc. and @py<"2004"	USPAT	OR	OFF	2007/09/20 10:22
S3	14	"titanium alloy" and aluminum and vanadium and iron and b22f\$.ipc. and @py<"2004" and carbide	USPAT	OR	OFF	2007/09/20 10:27
S4	0	"titanium alloy" and aluminum and vanadium and iron and b22f\$.ipc. and @py<"2004" and complex near8 carbide	USPAT	OR	OFF	2007/09/20 10:32
S5	4	"titanium alloy" and aluminum and vanadium and iron and b22f\$.ipc. and @py<"2004" and complex and carbide	USPAT	OR	OFF	2007/09/20 10:26
S6	18	"titanium alloy" and aluminum and vanadium and iron and b22f\$.ipc. and @py<"2004" and carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:27

S7	0	"titanium alloy" and aluminum and vanadium and b22f \$.ipc. and @py<"2004" and complex near8 carbide	USPAT	OR	OFF	2007/09/20 10:40
S8	0	"titanium alloy" and aluminum and b22f \$.ipc. and @py<"2004" and complex near8 carbide	USPAT	OR	OFF	2007/09/20 10:33
S9	0	"titanium alloy" and aluminum and b22f \$.ipc. and @py<"2004" and complex near8 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:33
S10	0	"titanium alloy" and b22f\$.ipc. and @py<"2004" and complex near8 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:33
S11	37	b22f\$.ipc. and @py<"2004" and complex near8 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:34
S12	0	ti-6Al-4V and b22f\$. ipc. and @py<"2004" and complex near8 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:34
S13	17	titanium and b22f\$. ipc. and @py<"2004" and complex near8 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:40
S14	0	"titanium alloy" and aluminum and vanadium and b22f \$.ipc. and @py<"2004" and complex near30 carbide	USPAT	OR	OFF	2007/09/20 10:40

S15	0	"titanium alloy" and aluminum and vanadium and b22f \$.ipc. and @py<"2004" and complex near30 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:41
S16	0	"titanium alloy" and aluminum and vanadium and b22f \$.ipc. and @py<"2004" and complex near50 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:41
S17	31	Ti-6Al-4V and b22f\$. ipc. and @py<"2004" and carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 10:43
S18	12	Ti-6Al-4V and b22f\$. ipc. and @py<"2004" and carbide and complex	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 11:22
S19	17	Ti-6Al-4V and b22f\$. ipc. and @py<"2004" and carbide and carbon	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 12:04
S20	0	Ti-6Al-4V and b22f\$. ipc. and @py<"2004" and (Ti3AlC2 Ti2AlC Al4C3 V2C)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 12:06
S21	0	Ti-6Al-4V and b22f\$. ipc. and @py<"2004" and complex near30 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 12:11
S22	5	Ti-6Al-4V and b22f\$. ipc. and @py<"2004" and (aluminum vanadium) near8 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/09/20 12:11
S23	1	419/45.ccls. and titanium and complex near20 carbide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/03/24 11:32

S24	4	(US-5897830-\$ or US-6635357-\$ or US-5722037-\$ or US-4915902-\$).did.	USPAT	OR	OFF	2008/10/29 10:08
S25	0	silicide and S24	USPAT	OR	OFF	2008/10/29 10:08
S26	0	titanium and complex near20 (carbide silicide) and iron and b22f\$. ipc	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 10:12
S27	425	titanium and complex near20 (carbide silicide) and iron	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 10:12
S28	59	titanium and complex near20 (carbide silicide) and iron and ceramic and intermetallic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 10:15
S29	40	titanium and complex near20 (carbide silicide) and iron and ceramic and intermetallic and @py<"2004"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 10:16
S30	10	titanium near20 matrix and complex near20 (carbide silicide) and iron and ceramic and intermetallic and @py<"2004"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 10:18
S31	0	titanium near20 matrix and complex near20 carbide and complex near20 silicide and iron and ceramic and intermetallic and @py<"2004"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 11:28

S32	1	titanium near20 matrix and complex near20 carbide and complex near20 silicide and iron and ceramic and intermetallic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 11:29
S33	1	titanium near20 matrix and complex near20 carbide and complex near20 silicide and iron and ceramic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 11:30
S34	1	titanium near20 matrix and complex near30 carbide and complex near20 silicide and iron and ceramic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 11:30
S35	1	titanium near20 matrix and complex near30 carbide and complex near30 silicide and iron and ceramic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/29 11:30
S36	1	titanium near30 matrix and complex near30 carbide and complex near30 silicide and iron and ceramic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 17:34
S37	2	(titanium Ti) near30 matrix and complex near30 carbide and complex near30 silicide and ceramic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 17:36
S38	0	maxson-vladimir-s. inv.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 17:43
S39	0	Maxson-Vladimir-S. inv.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 17:44
S40	16	Moxson-Vladimir-S. inv.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 17:44

S41	4	(titanium Ti) near30 matrix and complex near30 carbide and complex same silicide and ceramic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 17:58
S42	23	(titanium Ti) near30 matrix and complex same silicide and ceramic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 18:04
S43	14	(titanium Ti) near30 matrix and complex near30 silicide and carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 18:13
S44	3	("4915903" "4195904" "4915905").PN.	USPAT	OR	OFF	2009/03/14 18:34
S45	15	titanium and complex near30 (carbide near5 silicide)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 18:42
S46	108	titanium and (complex near30 carbide) near10 ((si silicon) and (titanium Ti))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:17
S47	79	titanium and (complex near30 carbide) near ((si silicon) and (titanium Ti))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:39
S48	0	titanium and (complex near carbide) near ((si silicon) and (titanium Ti))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:42
S49	3	titanium and (complex near5 carbide) near ((si silicon) and (titanium Ti))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:42
S50	7	titanium and (complex near5 carbide) near5 ((si silicon) and (titanium Ti))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:47
S51	7	(complex near5 carbide) near5 ((si silicon) and (titanium Ti))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:53

S52	10	(complex near5 carbide) near10 ((si silicon) and (titanium Ti))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:54
S53	180	ABE-TOSHIHIKO. inv.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:57
S54	5	ABE-TOSHIHIKO. inv. and complex near20 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 19:59
S55	351	(ti near si) near c	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 20:03
S56	3	(ti near si) near c and complex near10 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 20:04
S57	0	(ti3 near si) near c2 and complex near10 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 20:06
S58	0	(ti3 near si) near c2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 20:07
S59	904	ti near cr and intermetallic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 20:09
S60	4	ti near cr and intermetallic and complex near10 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 20:10
S61	18	(titanium ti) near (chromium cr) and intermetallic and complex near10 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:00
S62	4	((titanium ti) near (chromium cr)) near10 intermetallic and complex near10 carbide	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:03
S63	174	"titanium silicon carbide"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:17
S64	0	"titanium silicon carbide" and "titanium chromium intermetallic"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:20

S65	0	"titanium silicon carbide" and "titanium chromium" near10 intermetallic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:20
S66	0	"titanium silicon carbide" and (titanium near chromium) near10 intermetallic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:21
S67	0	"titanium silicon carbide" and (titanium near3 chromium) near10 intermetallic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:21
S68	0	"titanium silicon carbide" and (titanium near chromium) near20 intermetallic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:21
S69	0	"titanium silicon carbide" and (titanium near chromium) same intermetallic	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 21:21
S70	2	"22244".PN.	EPO; DERWENT	OR	OFF	2009/03/14 21:26
S71	1	"9822244".PN.	EPO; DERWENT	OR	OFF	2009/03/14 21:26
S72	1	"4961529".PN.	USPAT	OR	OFF	2009/03/14 21:30
S73	0	"titanium chrom\$5"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 22:08
S74	65	"TiCr.sub.2"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 22:10
S75	25	"TiCr.sub.2" and intermetallic and (Ti titanium) and (Cr chromium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 22:12
S76	25	"TiCr.sub.2" and intermetallic and (Ti titanium) and (Cr chromium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/14 23:55



S77	25	"TiCr.sub.2" and intermetallic and (Ti titanium) and (Cr chromium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/15 07:49
S78	25	"TiCr.sub.2" and intermetallic and (Ti titanium) and (Cr chromium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/15 07:51
S79	7	titanium and complex near20 carbide and intermetallic and "148".clas.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/03/15 08:51
S80	62	"419".clas. and titanium and complex near20 carbide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/28 07:14
S81	43	"419".clas. and titanium and complex near5 carbide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/28 08:29
S82	1	"4710348".PN.	USPAT	OR	OFF	2009/07/28 10:49
S86	4	"al.sub.8" near "v. sub.5"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/29 21:39
S87	2	"al.sub.8v.sub.5"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/29 21:39
S88	1	"al.sub.8" near "v. sub.5" and carbide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/30 10:47
S89	71	"75".clas. and titanium and complex near5 carbide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/30 11:56
S90	2	"75".clas. and titanium and complex near5 carbide and silicide and aluminide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/30 11:57
S91	3	"428".clas. and titanium and complex near5 carbide and silicide and aluminide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/06 18:12

S92	71	"419".clas. and titanium and complex near20 carbide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/07 15:24
S93	101	"75".clas. and titanium and complex near20 carbide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/07 15:25
S94	26	"75".clas. and titanium and complex near20 carbide and silicide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/07 15:26
S95	11	"75".clas. and titanium and complex near20 carbide and silicide and ceramic	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/01/07 15:26
S96	1	"4710348".PN.	USPAT	OR	OFF	2011/06/09 12:11
S97	27	Brupbacher-John-M. inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/09 19:10
S98	1	"al.sub.8" near "v. sub.5" and carbide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 11:40
S99	4	"al.sub.8" near "v. sub.5"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 11:41
S100	49	(complex near3 carbide) near3 silicide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 12:11
S103	3	"Ti.sub.3SiC.sub.2" and (complex near3 carbide) near3 silicide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 12:20

S104	3	("Ti.sub.3SiC.sub.2" "Al.sub.3SiC.sub.4" "Al.sub.3Si.sub.2C. sub.5") and (complex near3 carbide) near3 silicide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 12:23
S105	25	("Ti.sub.3SiC.sub.2" "Al.sub.3SiC.sub.4" "Al.sub.3Si.sub.2C. sub.5") and complex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 12:24

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